

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 3 (1/16/2022- 01/22/2022)

COCONINO COUNTY
January 28, 2022

Situation Summary

MMWR Week 3 (1/16/2022-01/22/2022)

A total of 38,816 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 22, 2022.

Deaths: 412 (1.1% of cases)

Probable Deaths: 5

Recovered Cases: 26,969

(69% of cases)

Hospitalizations: 2,042

(5.3% of cases)

Total Fully Vaccinated: 77,353

(57.6% of the eligible population)

Total Booster/Additional Doses: 30,351

(39.2% of fully vaccinated)

Cases Reported Week 3 (January 16, 2022 - January 22, 2022):

**2,892
Positive
Cases**

**69%
Not Fully
Vaccinated**

**2,044.0
Rate per
100,000**

**30.4%
Positivity
Yield**

**18.9%
COVID-Like
Illness****

Community Transmission

Coconino County is currently at a **High** ** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

* CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

COVID-19 Situation Summary*

Cumulative Counts (March 15, 2020 – January 22, 2022):

38,816
Positive
Cases

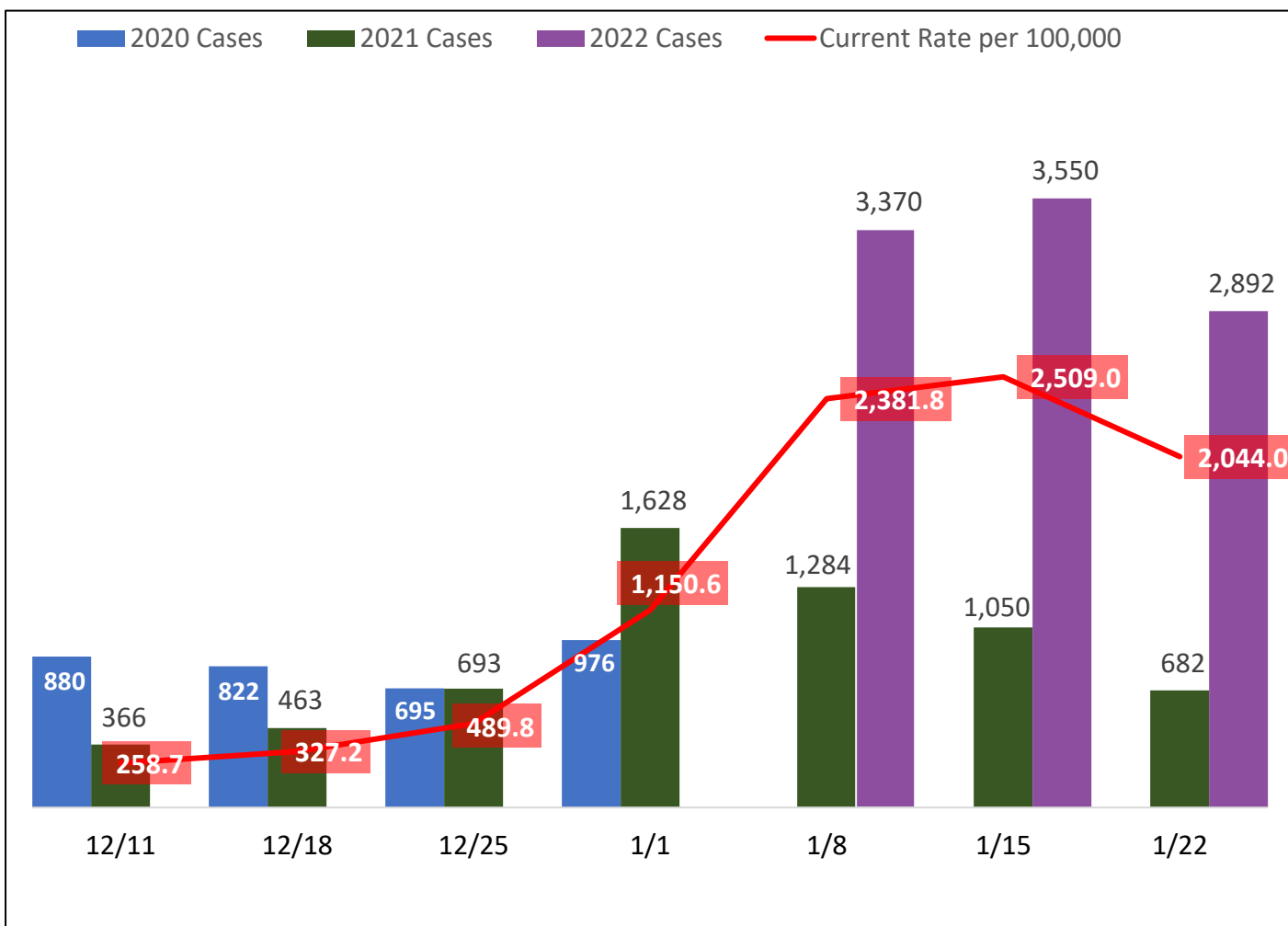
436,838
Total
Tests

127,794
People
Tested

14.4%
Positivity
Yield

27,433.9 cases per 100,000 Coconino County Residents
vs.
25,230.1 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:

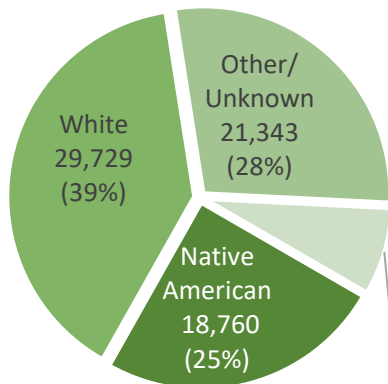


COVID-19 Situation Summary*

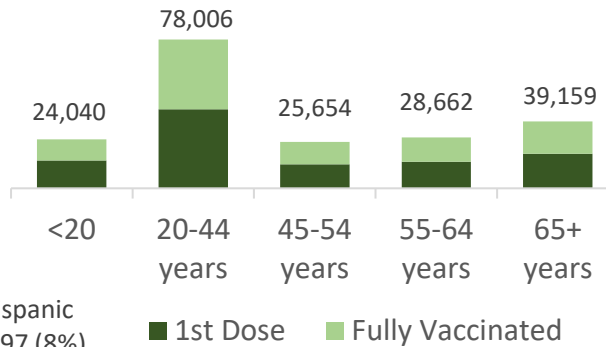
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

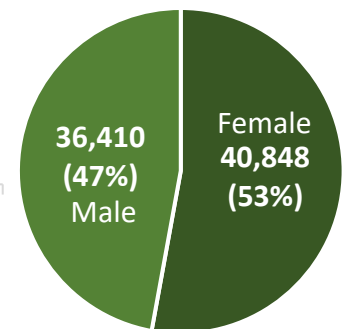
Fully Vaccinated by Race**



Vaccinations by Age

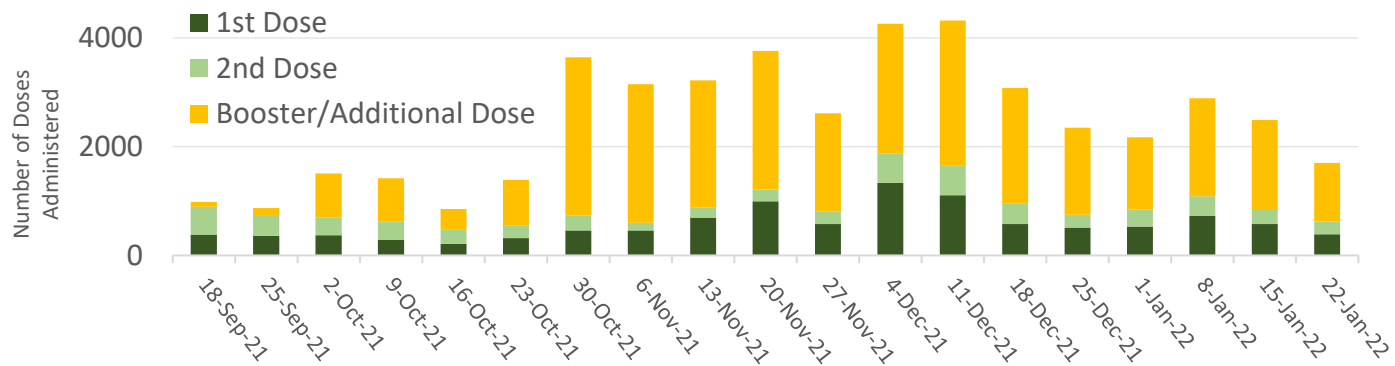


Fully Vaccinated by Sex



**The following races account for less than 2% of total vaccinations:
Asian or Pacific Islander (1,241) and Black or African American (583).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	56,535	49,403	54,562
86001/86005	31,748	27,749	59,550
86004	23,730	20,738	60,682
86011	1,057	916	9,374

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	6,310	5,938	83,095
Tribal Communities	17,345	15,319	67,496
Williams	2,815	2,468	45,738
Grand Canyon	1,869	1,615	72,292
Other Areas	2,926	2,610	35,990

[†]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

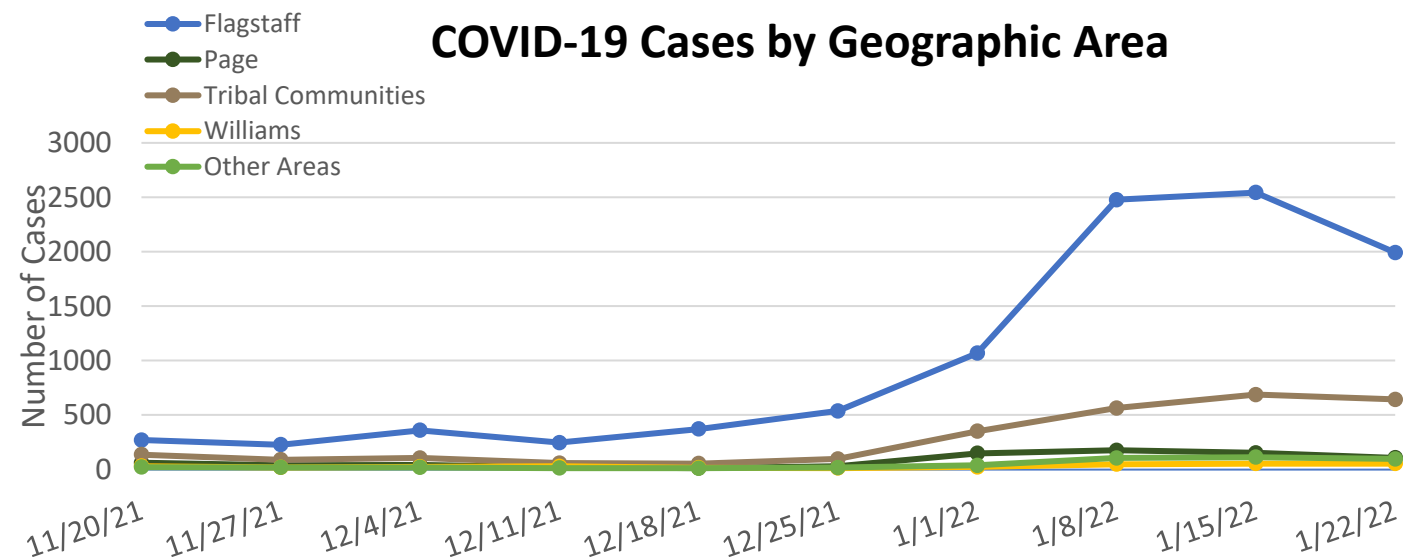
Location:

Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	25,046	26,236	12.8%	49,403	54.6%
Page	2,511	33,342	20.5%	5,938	83.1%
Tribal Communities	8,483	34,457	17.2%	15,319	67.5%
Williams	1,216	21,352	18.8%	2,468	45.7%
Grand Canyon	382	15,051	16.7%	1,615	72.3%
Other Areas	1,178	20,875	15.3%	2,610	36.0%

[†]Population estimates include residents aged 5 and older.
 Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The highest **case incidence** for week 3 was observed in Tribal Communities and Flagstaff with an incidence of 2,611.8 and 2,087.7 per 100,000, respectively.
- The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



*Cases reported from 3/15/20-1/22/22

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	9,477	23,223	15.4%	9,599	28.5%
20-44 years	18,878	36,165	14.8%	31,819	61.0%
45-54 years	4,150	28,252	15.3%	10,140	69.0%
55-64 years	3,431	20,676	13.4%	11,098	66.9%
65+ years	2,880	16,958	10.8%	14,697	86.5%

[‡]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

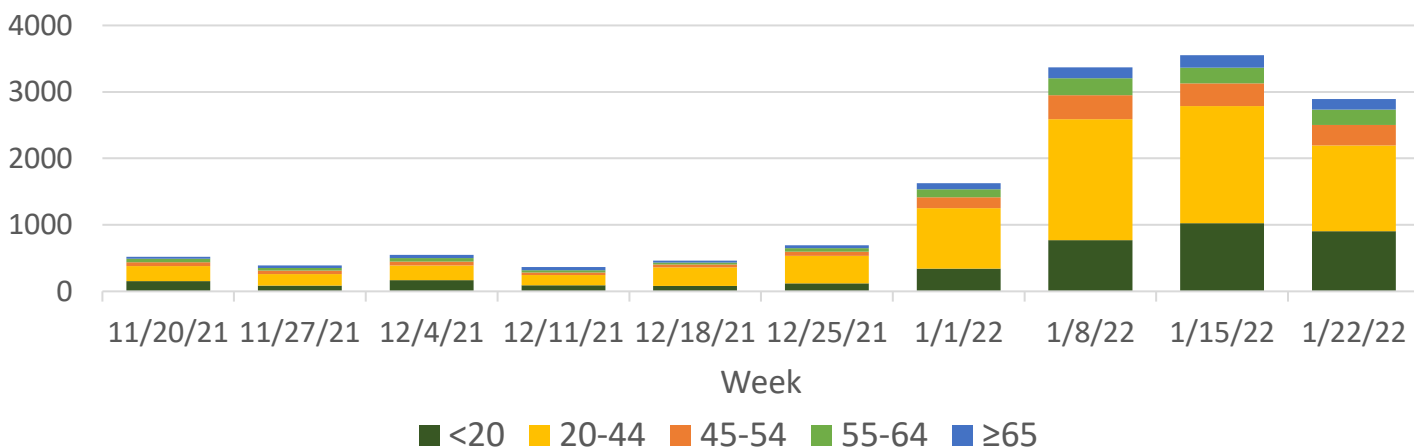
The median age of Coconino County COVID-19 cases is 29 years old



Key Take Away

- The highest **case incidence** for week 3 was observed among residents aged 20-44 with an incidence of 2,467 per 100,000.
- The highest **positivity yield** for week 3 was observed among residents aged <20 and 45-54 with a positivity yield of 36.1% and 30.4%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	13,176	36,203	18,760	51.6%
White	14,134	18,509	29,729	38.2%
Hispanic	5,788	29,040	5,697	29.4%
Black or African American	514	32,614	583	25.2%
Asian/ Pacific Island	584	20,327	1,241	38.6%
Other/ Unknown	4,620	N/A	21,343	N/A

[‡]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

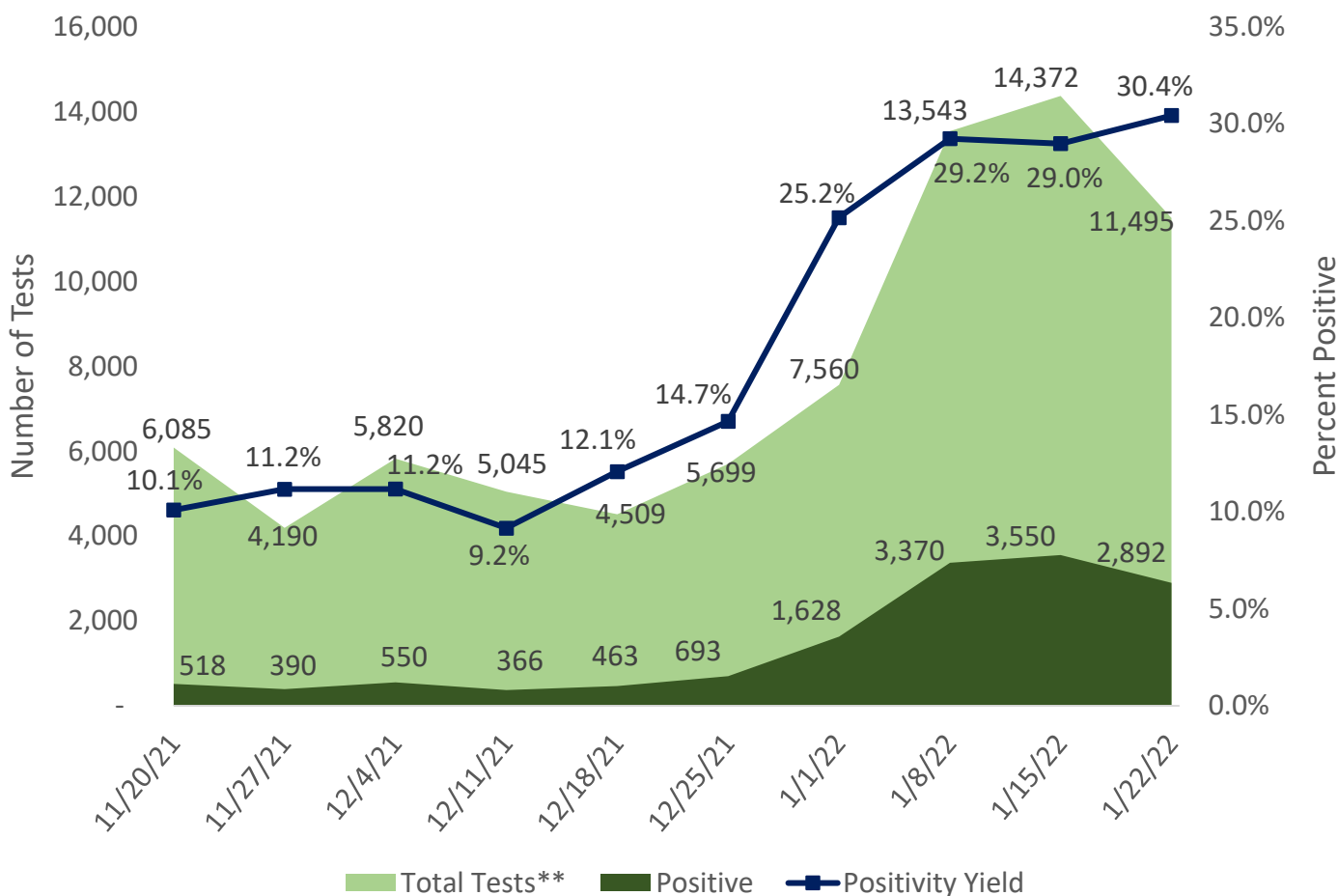
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	20,242	28,316	13.2%	40,848	59.9%
Male	18,447	26,433	15.7%	36,410	55.2%

[‡] Population Estimates include residents aged 5 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 31% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 127,794 Coconino County residents have been tested.

Tests Conducted: A total of 436,838 tests have been conducted among Coconino County residents.

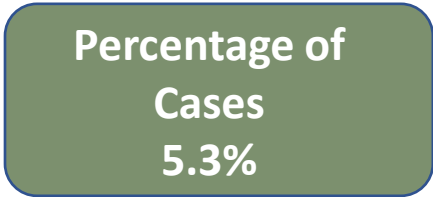
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 10,833**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

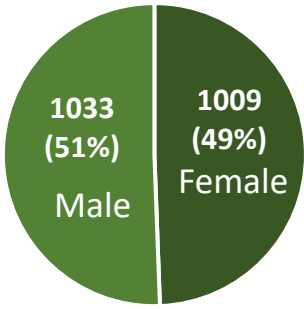
- **Total individuals monitored to date: 10,422**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

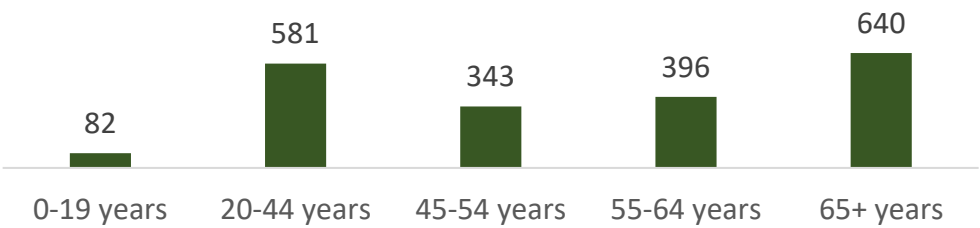


Sex



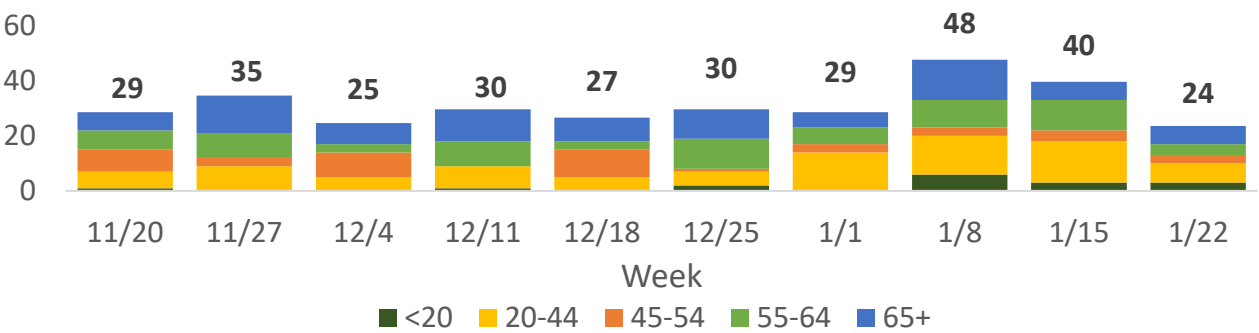
14% of hospitalized residents were in the ICU and 5% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

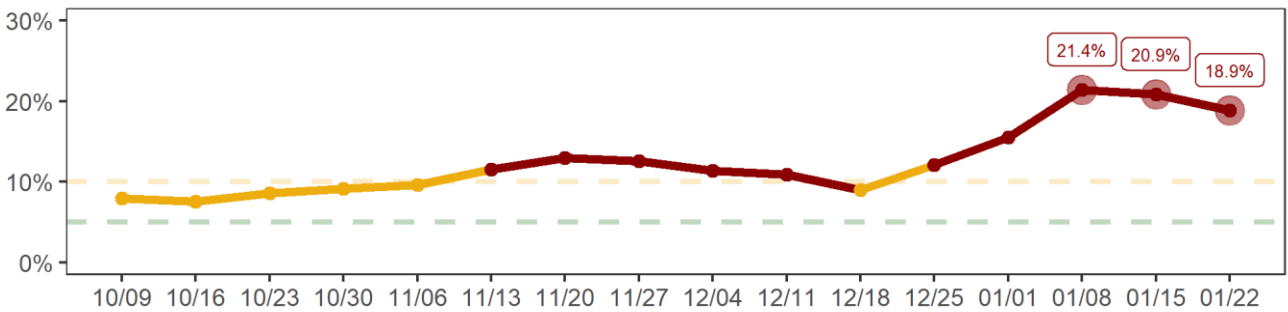


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-1/22/22

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

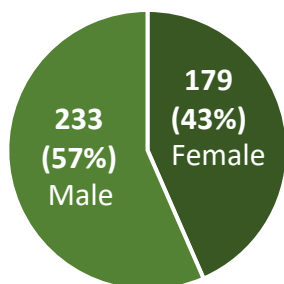
COVID-19 Related Deaths:

Percentage of
Cases
1.1%

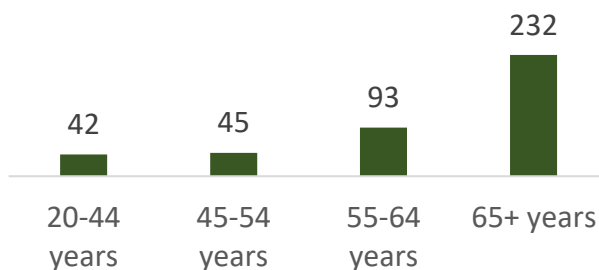
Deaths
412

Fatalities
Per 100,000
291.2

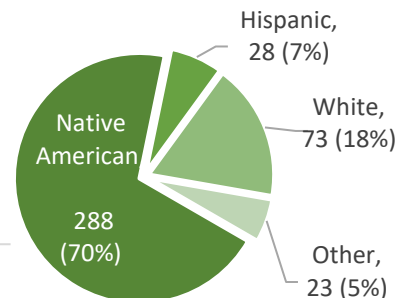
Sex



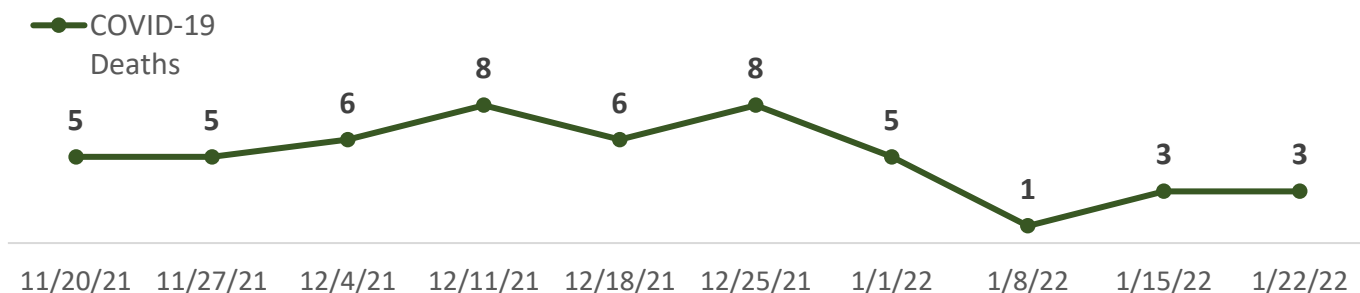
Coconino COVID-19 Deaths by Age



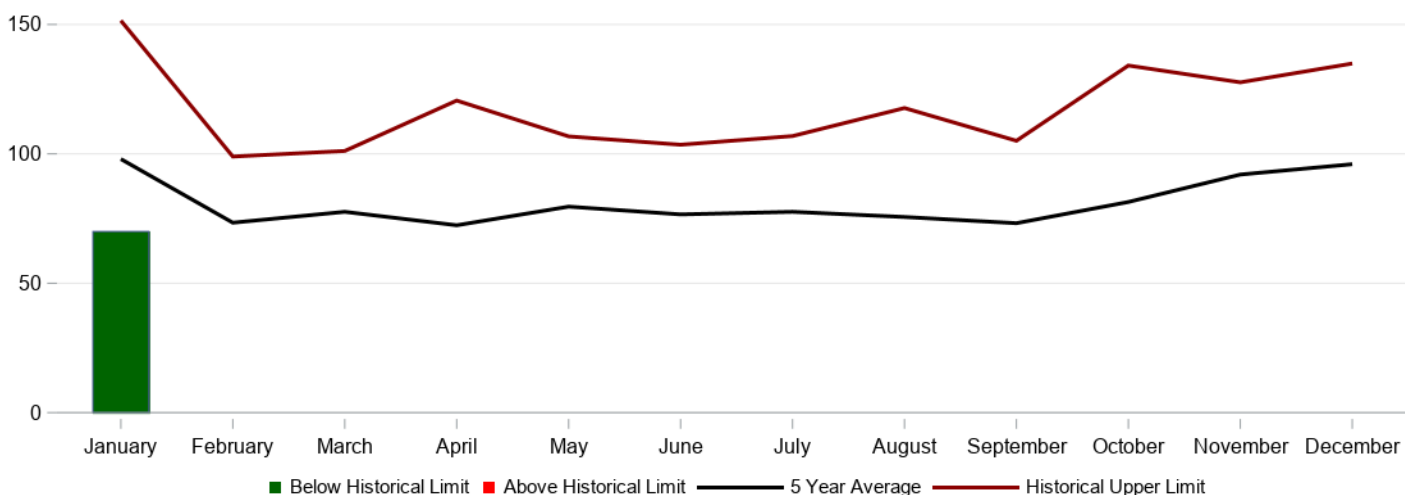
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2022 All Deaths Aberration

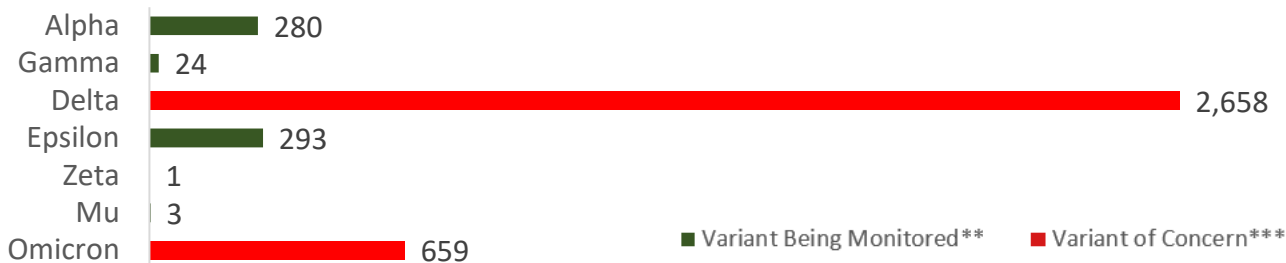


COVID-19 Situation Summary*

*Cases reported from 3/15/20-1/22/22

COVID-19 Variants:

Total Variants Being Monitored** and Variants of Concern***



****Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

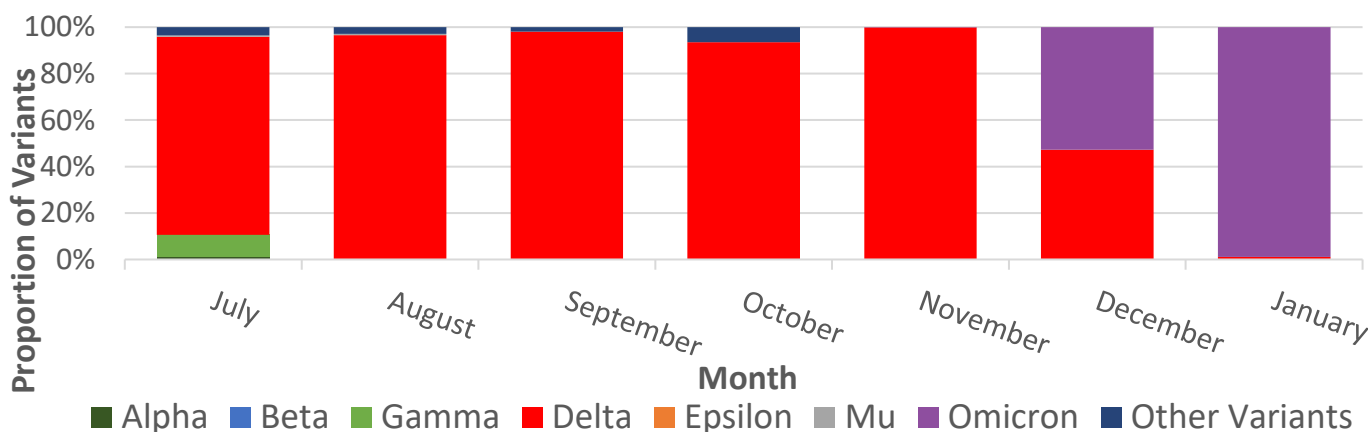
***** Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions)

83% of identified variants of concern are among Flagstaff residents.

Variants Being Monitored and Variants of Concern by Month



5,113 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

Vaccine Breakthrough[†]:

Total Vaccine Breakthrough Cases: 9,157

(23.6% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 1,168

(13% of vaccine breakthrough cases)

[†]Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. **For more information regarding variant testing in Arizona, please visit the TGen website:** [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)